

SEC GDR #

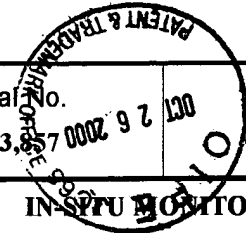
**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.
FIS920000149US1

In Re Application Of: **DAVID C. AHLGREN, ET AL.**

Serial No.

09/633,857



Filing Date

08/07/00

Examiner

Group Art Unit

1765

Invention: **IN-SITU MONITORING AND CONTROL OF GERMANIUM PROFILE IN SILICON-GERMANIUM
ALLOY FILMS AND TEMPERATURE MONITORING DURING DEPOSITION OF SILICON FILMS**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on

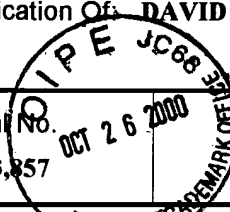
10/17/00

Date

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☒ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☐ A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☐ Other (list):

#3

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Large Entity)**Docket No.
FIS920000149US1In Re Application Of: **DAVID C. AHLGREN, ET AL.**Serial No.
09/633,857Filing Date
08/07/00

Examiner

Group Art Unit
1765Invention: **IN-SITU MONITORING AND CONTROL OF GERMANIUM PROFILE IN SILICON-GERMANIUM
ALLOY FILMS AND TEMPERATURE MONITORING DURING DEPOSITION OF SILICON FILMS****TO THE ASSISTANT COMMISSIONER FOR PATENTS:****Box Missing Parts**☒ Completion of application fees as calculated below:☐ Utility application filing fee _____☐ Design application filing fee _____☐ Total number of independent claims = _____☐ Total number of claims = _____☐ Multiple dependent claims _____☒ Surcharge for late payment of filing fee and/or late filing of original declaration or oath **\$130.00**☐ Petition and fee for filing by other than all the inventors or a person not the inventor _____☐ Fee for processing an application filed with a non-English language specification _____☐ Fee for processing and retention of application _____**Total completion of application fees \$130.00**

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

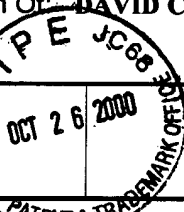
☐ One month ☐ Two months ☐ Three months ☐ Four months ☐ Five monthsfrom: _____ until: _____
Date Date**Total time extension fees** _____**Total fees due \$130.00**

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533) (Large Entity)**

Docket No.
FIS920000149US1

In Re Application Of: **DAVID C. AHLGREN, ET AL.**

Serial No.
09/633,857



Filing Date
08/07/00

Examiner

Group Art Unit
1765

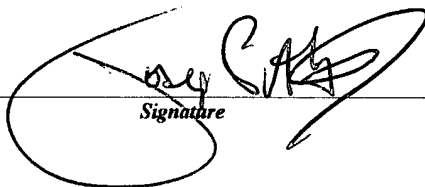
Invention: **IN-SITU MONITORING AND CONTROL OF GERMANIUM PROFILE IN SILICON-GERMANIUM
ALLOY FILMS AND TEMPERATURE MONITORING DURING DEPOSITION OF SILICON FILMS**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

The fee of **\$130.00** is to be paid as follows:

- ☐ A check in the amount of the fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **09-458 FI-490**
A duplicate copy of this sheet is enclosed. *090458*
- ☒ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No. **09-458 FI-490**
A duplicate copy of this sheet is enclosed.


Signature

Dated: **10/24/00**

**Joseph P. Abate, Sr. Attorney
Registration No. 30,238
IBM Corporation, IPLAW
Bldg. 300-482 Rt. 52
Hopewell Junction, NY 12533
845-894-4633**

I certify that this document and fee is being deposited on
10/24/00 with the U.S. Postal Service as first
class mail under 37 C.F.R. 1.8 and is addressed to the
Assistant Commissioner for Patents, Washington, D.C.
20231.


Signature of Person Mailing Correspondence

KAREN CINQ-MARS

Typed or Printed Name of Person Mailing Correspondence

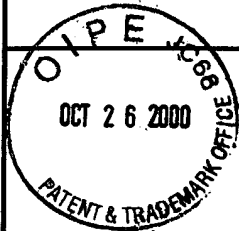
CC:

CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)

Docket No.

Applicant(s): David C. Ahlgren, et al.**FIS920000149US1**Serial No.
09/633,857Filing Date
08/07/00

Examiner

Group Art Unit
1765Invention: **IN-SITU MONITORING AND CONTROL OF GERMANIUM PROFILE IN SILICON-GERMANIUM
ALLOY FILMS AND TEMPERATURE MONITORING DURING DEPOSITION OF SILICON FILMS**I hereby certify that this **RECORDATION AND ASSIGNMENT**

(Identify type of correspondence)

is being deposited with the United States Postal Service as first class mail in an envelope addressed to: The

Assistant Commissioner for Patents, Washington, D.C. 20231 on

10/24/00

(Date)

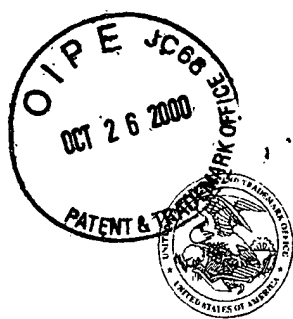
KAREN CINQ-MARS

(Typed or Printed Name of Person Mailing Correspondence)

Karen Cinq-Mars 10/24/00

(Signature of Person Mailing Correspondence)

Note: Each paper must have its own certificate of mailing.



#3

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/633,857	08/07/2000	David C. Ahlgren	FIS9-2000-0149US1

IBM Corporation
Intellectual Property Law
Zip 482
2070 Route 52
Hopewell Junction, NY 12533

FORMALITIES LETTER



OC000000005478948

Date Mailed: 10/17/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

A copy of this notice MUST be returned with the reply.

Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE